

From: Rombough, Kyrik
To: [Ronn Smith \(rsmith@imlinc.com\)](mailto:rsmith@imlinc.com); [John Mays \(jmays@powertechuranium.com\)](mailto:jmays@powertechuranium.com); [Razzazian, Christopher](#); ["Werling, Bradley A." \(bradley.werling@swri.org\)](#); [Distler, Kenneth](#)
Subject: FW: Revised Background WC
Date: Monday, April 29, 2013 1:43:50 PM

Ron:

Here is information on the Wind Cave PM10 monitoring data. Let me know if you need additional information or something more specific.

Thanks

Kyrik

Kyrik Rombough
Engineering Manager I
523 East Capitol
Pierre, SD 57501

From: Schultz, Brad
Sent: Monday, April 29, 2013 1:19 PM
To: Rombough, Kyrik
Subject: Revised Background WC

As pointed out the Wind Cave PM10 data highest concentrations were impacted by control burns completed by the National Park Service. The individual days in 2009 and 2010 are not expected to reoccur because the burns included all of the forest/grass land mix by the air monitoring site and may not be burned again for a long period of time. All the days associated in 2009 from September 3 to September 6 and in 2010 from October 20 to October 23 were flagged by DENR as 24-hour samples effected by exceptional event.

The second maximum for the years used for background levels after removing the days affected by the control burns are as follows:

2008	47 ug/m3
2009	49 ug/m3
2010	27 ug/m3
2011	35 ug/m3

Three year average using 2008, 2009 and 2010 would be 41 ug/m3.
Three year average using 2009, 2010 and 2011 would be 35 ug/m3.

Let me know if you have any questions.

Brad Schultz
ES Manager I
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